

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-88. (Canceled)

89. (New) A blur correction camera system, comprising:

a vibration detection unit that detects a vibration;

a blur correction optical system that is driven based upon a detection result of the vibration detection unit to execute a first image blur correction;

an image capturing unit that captures an image formed with a photographic optical system that includes the blur correction optical system; and

an image correction unit that executes a second image blur correction through image processing on an image captured by the image capturing unit, based on the detection result of the vibration detection unit.

90. (New) The blur correction camera system according to claim 89, wherein the image correction unit executes the second image blur correction using a point spread function obtained based on the detection result of the vibration detection unit.

91. (New) The blur correction camera system according to claim 89, further comprising a reference value computing unit that computes a reference value for a vibration detection signal output from the vibration detection unit, wherein the image blur correction unit executes the second image blur correction using the reference value.

92. (New) The blur correction camera system according to claim 89, wherein the image correction unit executes the second image blur correction using a vibration detection signal output from the vibration detection unit.

93. (New) The blur correction camera system according to claim 89, wherein at least one of a time period information relating to a period of time during which a still image is

captured by the image capturing unit and a timing information relating to a timing at which the still image is captured by the image capturing unit is input to the image correction unit, and

the image correction unit executes the second image blur correction by using the input at least one of the time period information and the timing information.

94. (New) The blur correction camera system according to claim 89, further comprising an image restoration decision unit that makes a decision as to whether the second image blur correction is to be executed by the image correction unit based on at least one of a focal length of the photographic optical system, a period of time during which a still image is captured by the image capturing unit, and a blur component remaining even after the first image blur correction is executed.

95. (New) The blur correction camera system according to claim 89, wherein image blur corrected through the second image blur correction is a blur component remaining after the first image blur correction is executed.

96. (New) The blur correction camera system according to claim 89, wherein image blur corrected through the second image blur correction is a still image blur present in a still image captured by the image capturing unit.

97. (New) A blur correction camera system, comprising:
a sensor that detects a vibration by using a coriolis force;
a blur correction optical system that is connected to the sensor and is driven in directions perpendicular to an optical axis of a photographic optical system based on a detection result of the sensor to execute a first image blur correction;
an image capturing unit that captures an image formed by the photographic optical system that includes the blur correction optical system; and

an image correction unit that is connected to the sensor and executes a second image blur correction through image processing on an image captured by the image capturing unit based on the detection result of the sensor.

98. (New) The blur correction camera system according to claim 97, further comprising a reference value computing unit that computes a reference value for a vibration detection signal obtained by using the sensor, wherein the image correction unit executes the second image blur correction based on a point spread function obtained by using the reference value.

99. (New) The blur correction camera system according to claim 97, wherein image blur corrected through the second image blur correction is a still image blur present in a still image captured by the image capturing unit.

100. (New) The blur correction camera system according to claim 98, further comprising a reduction unit that reduces a volume of information relating to at least one of the reference value and the point spread function used in the second image blur correction.

101. (New) The blur correction camera system according to claim 97, further comprising:

a first saving unit that saves a raw image captured by the image capturing unit;

and

a second saving unit that saves at least one of a parameter used in the second image blur correction and a restored image obtained through the second image blur correction in correspondence to the raw image.

102. (New) A blur correction method, comprising:

detecting a vibration by a sensor;

driving a blur correction optical system for executing a first image blur correction based on a vibration detection result obtained by using the sensor;

capturing an image formed with a photographic optical system that includes the blur correction optical system; and

executing a second image blur correction through image processing on the image thus captured based on the vibration detection results obtained by using the sensor.

103. (New) The blur correction method according to claim 102, further comprising:

outputting a first vibration signal and a second vibration signal, which is different from the first vibration signal, by using the sensor;

executing the first image blur correction based on the first vibration signal; and

executing the second image blur correction based on the second vibration signal.

104. (New) The blur correction method according to claim 103, wherein a frequency band of the first vibration signal is higher than a frequency band of the second vibration signal.

105. (New) The blur correction method according to claim 103, further comprising outputting the first vibration signal and the second vibration signal by dividing a signal output from the sensor into the first vibration signal and the second vibration signal using a filter.